INTERNATIONAL SEARCH REPORT	Ir

International application No.

PCT/US03/34684

A. CLAS	SSIFICATION OF SUBJECT MATTER : A61K 38/17			
US CL	: 530/353			
According to	International Patent Classification (IPC) or to both n	ational classification and IPC		
B. FIEL	DS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 530/353				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) East, STN Bioscience cluster: Medline, Caplus, Biosis. Patents and PCTFull.				
	UMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where ap		Relevant to claim No.	
Х	AYUB, Z.H et al. Mechanism of the Gelation of F Biochem. May 1993, Vol. 57, No. 11, pages 1910-		1, 3, 5-8	
A	BUNNAK, J. et al. Study on Antibacterial Activity Protein. JAERI Confer. May 2001, pages 117-129,	1-30		
x	DINERMAN, A.A. et al. Swelling Behavior of a Genetically Engineered Silk-elastinlike Protein Polymer Hydrogel. Biomaterials. May 2002, Vol. 23, pages 4203-4210, especially pages 4205-4206.			
A	ZHANG, Y. Applications of Natural Silk Protein Sericin in Biomaterials. Biotechnology.		1-30	
A,T,E	June 2002, Vol. 20, pages 91-100.  JIN, H.J. et al. Biomaterial Films of Bombunx Mori Silk Fibrion with Poly(ethylene oxide). Biomacromolecules. January 2004, Vol. 5, pages 711-717, especially page 712.			
Further documents are listed in the continuation of Box C. See patent family annex.				
Special categories of cited documents:     Inter document published after the international filing date or priority				
"A" document defining the general state of the art which is not considered to be of particular relevance  date and not in conflict with the application but cited to understand the principle or theory underlying the invention				
"K" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an invention step				
establish :	establish the publication date of another citation or other special reason (as "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is			
"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in th	s art	
	published prior to the international filing date but later than the late claimed	"&" document member of the same patent family		
Date of the actual completion of the international search  Date of mailing of the international search report  Of Will 2014				
17 May 2004 (17.05.2004)				
Name and mailing address of the ISA/US  Mail Stop PCT, Attn: ISA/US  Commissioner for Patents  Robert P. Mondesi				
P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230  Terephone No. (571) 272-1600				
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